COMPUTATION OF COORDINATES AND HEIGHT BY THREE-POINT RESECTION (FED MSR)

For use of this form, see FM 6-2; the proponent agency is TRADOC.

COMPUTER:	NOTEBOOK REFERENCE:	DATE:
CHECKER:	AREA:	SHEET OF SHEETS

INSTRUCTIONS	NOTES
1. Select SURVEY CALC (option B) from the MODE MENU.	1. Press ENTER to display the window of legal entries.
2. Select RESECTION (option D) from the SURVEY CALCULATIONS MENU.	2. Enter field data in blocks marked ● .
3. Select the desired record from the RESECTION SUMMARY LIST.	3. Two resection computations can be recorded on this form.
4. Observe the required fields, and enter the desired data.	4. Remove window of legal entries by pressing ENTER before pressing the C key to calculate.
	5. Sums between 2845-3555 provide NO VALID SOLUTION..

REQUIRED FIELDS	DATA RECORD	
ENTER EAST LEFT STA: ?	EASTING OF LEFT:	EASTING OF LEFT:
ENTER NORTH LEFT STA: ?	NORTHING OF LEFT:	NORTHING OF LEFT:
ENTER EAST CENTER STA: ?	EASTING OF CENTER:	EASTING OF CENTER:
ENTER NORTH CENTER STA: ?	NORTHING OF CENTER:	NORTHING OF CENTER:
ENTER HEIGHT CENTER STA: ?	HEIGHT OF CENTER:	HEIGHT OF CENTER:
ENTER EAST RIGHT STA: ?	EASTING OF RIGHT:	EASTING OF RIGHT:
ENTER NORTH RIGHT STA: ?	NORTHING OF RIGHT:	NORTHING OF RIGHT:

REQUIRED FIELDS	DATA RECORD	
ENTER NAME OCC STA: ?	NAME OCC STA:	NAME OCC STA:
ENTER HORZ ANGLE LEFT TO CENTER: ?	HORZ ANGLE P1 (MILS): ●	HORZ ANGLE P1 (MILS): ●
ENTER HORZ ANGLE CENTER TO RIGHT : ?	HORZ ANGLE P2 (MILS): ●	HORZ ANGLE P2 (MILS): ●
ENTERVERT ANGLE OCC STA TO CENTER: ?	VERT ANGLE FROM P TO CENTER: ● ±	VERT ANGLE FROM P TO CENTER: ● ±
ENTER TARGET HEIGHT AT CENTER: ?	HEIGHT OF TARGET (METERS):	HEIGHT OF TARGET (METERS):
ENTER INSTRUMENT HEIGHT AT OCC STA: ?	HEIGHT OF INSTRUMENT (METERS):	HEIGHT OF INSTRUMENT (METERS):

REQUIRED FIELDS	DATA RECORD	
SUM OF ANGLES: CHECK SPECIFICATIONS: (NOTE 5)	SUM OF ANGLES:	SUM OF ANGLES:
RECORD EAST OCC STA:	EASTING OF P:	EASTING OF P:
RECORD NORTH OCC STA:	NORTHING OF P:	NORTHING OF P:
RECORD HEIGHT OCC STA:	HEIGHT OF P (METERS):	HEIGHT OF P (METERS):
RECORD AZ FROM OCC STA TO CENTER:	AZ FROM P TO CENTER (MILS):	AZ FROM P TO CENTER (MILS):

REMARKS/SKETCH:

DA FORM 7359-R, SEP 1996